

**Alaska Minerals Information At Risk Program: Mining
Claims Automation**

**FY2002 Request: \$700,000
Reference No: 34095**

AP/AL: Appropriation
Category: Public Support Technology/Service
Location: Statewide
Election District: Statewide
Estimated Project Dates: 07/01/2001 - 06/30/2003

Project Type: Information Systems

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Brief Summary and Statement of Need:

To improve public access to public record systems, to bridge related state and federal land record systems that have historically been isolated, to reduce the time required to adjudicate mining applications and update land status plats, and to deliver Internet based mapping capability.

Funding:

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Fed Rcpts	\$700,000						\$700,000
Total:	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

FY 99: \$125.0 RPL 10-9-4002 - Project Initiation

FY 00: \$310.0 RPL 10-0-4013 - Deliverables for land records Website.

FY 01: \$250.0 CIP Deliverables for cycle time reduction, begin imaging & GIS components.

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Detailed Project Justification:

This project is part of the multi-agency effort to protect Alaska's mineral information sources, particularly those at risk of being lost or compromised. This CIP request addresses several components which taken together constitute a new Mining Claims Information System. There are four main phases to the project, this CIP request will fund most of phase three and four.

First, placing state and federal graphic and tabular land records on the Internet. Much of this work was completed in FY99 and FY00. State plats and surveys are published. See <http://www.dnr.state.ak.us/landrecords>.

Second, the project seeks to reduce the cycle times needed to update various components of public mining record systems; i.e. build links between related information in the Recorder's Office, DNR Land Administration System, BLM Land Information System, and state & federal plats. Many changes here are tied to new state legislation and regulations, see SB175. Good progress has been and will be made on this front in FY01.

Third, the project will bring on-line images of both historic and current mining property documents. Historic property documents are being scanned with assistance from the University (KARDEX system). Current documents are being made available via an overlap project to bring document imaging to the State Recorder's Office.

Fourth, the project seeks to deliver on-line mapping capability of land status in combination with geologic and geo-physical information being made available through another dimension of the Minerals Data At Risk Program.

These projects expand the opportunity for exploration and development of mineral resources in Alaska. They improve public access to information. They reduce the time required to synchronize related public record systems. Work on this project was first started in FY99. Detailed information is available from the DNR – BLM Agreement Number 1422L953A98-0009, a part of the Alaska Minerals Information At-Risk Program.

Specific Spending Detail:

BLM-DNR Mining Claim Sys.	FY99-01	FY02-FY03
Federal Funds	\$575.0	\$700.0
Total	\$575.0	\$700.0

The FY99-01 Federal Grant funds award of \$575.0 will be expended thru a combination of RPLs (FY99 10-9-4002 @\$125.0 FY00 10-0-4013 @\$310.0) and CIP SLA00/Ch 135 @ \$250.0. The unused federal authority of the RPLs/CIP will be restricted in the state accounting system to match the federal grant of \$575.0.

FY02 - 03 Breakdown

100: Personal Services	\$ 210.0	Analyst Programmers
200: Travel	\$ 10.0	Interagency Coordination, Fbks and JNU Communities
300: Contractual	\$ 400.0	Contracting Support for GIS mapping
400/500:Supplies/Equipment	\$ 80.0	Primarily Software & Server and Storage Systems

Project Benefits:

The Mining Industry has been responsible for a significant number of jobs in the Alaska economy. This project improves public access and understanding of both federal and state land record systems, with an emphasis on the mining public. Smarter government, accessible record systems, higher quality information to support decision making, and efficient internal processing are all benefits of this project.

Projected Revenue to the State:

The Mining Industry in Alaska has exceeded a gross of 1 billion dollars in the past three years. A key underlying engine for this industry is the mineral and property law foundation that moves mineralized properties from discovery, to claim, to lease. Record systems are integral to these institutions. State revenues are generated as a function of the tax structure associated with the expanding role of the mining industry.

Project Support:

The Bureau of Land Management is the primary federal cooperator on this project. One of the primary goals of this initiative is to create public land record systems that respond to the needs of the public we jointly serve. In most cases, Alaska land records require review of both state and federal information systems to determine status and availability for various land uses. Current systems focus on agency needs. This initiative seeks to use electronic networks and shared technical solutions to

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common problems to create a more integrated approach to state and federal public access. The GIS Component offers excellent potential to all state agencies to apply GIS technology to meet their mandates.

Project Opposition: None known.

Does this project leverage other funding for the state?

This is a federally funded project that uses in-kind State GF funding to meet program match requirements. State in-kind matching funds have been used to complement the broad goals of this project. This matching work directly benefits the project goals, and supports broader state goals associated with the automation strategies set for mining. Matching funds through FY01 total about \$151.0

Alternative Approaches/Financing Considered: None.

Annual Operating and Maintenance Costs:

No change is anticipated.

What will happen if the project is not approved?

Risk loss of significant federal funds. Project work from FY99-FY01 will go unfinished. GIS technology will remain under-utilized. DNR will remain in slow, conventional, paper-pushing mode. Goals set with industry groups and others in the public for information services will not be met. Risk loss of trained programming staff. Public deprived of benefits from access to information via the Internet.